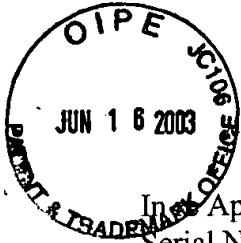


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Application of: Lyamichev *et al.*  
Serial No.: 09/777,430  
Filed: February 6, 2001  
Entitled:

Group No.: 1641  
Examiner: Jezia Riley

**CHARGE TAGS AND SEPARATION OF NUCLEIC ACID  
MOLECULES**

**AMENDMENT AND RESPONSE TO THE FINAL  
OFFICE ACTION MAILED APRIL 30, 2003**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)(1)(i)(A)**

I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is, on the date shown below, being deposited with the United States Postal Service as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Dated: June 12, 2003

By: Mary Ellen Waite

Mary Ellen Waite

Sir or Madam:

The following communication is in response to the Final Office Action mailed April 30, 2003, in the above-referenced application. The applicants respectfully request reconsideration of the application in view of the following amendments and remarks.

**BEST AVAILABLE COPY**



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Victor Lyamichev  
 Serial No.: 09/777,430  
 Filed: 02/06/01  
 Entitled: Charge Tags And Separation Methods

Group No: 1641  
 Examiner: Jezia Riley

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## AMENDMENT TRANSMITTAL

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

## CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)(1)(i)(A)

I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is, on the date shown below, being deposited with the U.S. Postal Service in an envelope as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: June 12, 2003

By: Mary Ellen Waite

Mary Ellen Waite

Sir or Madam:

Transmitted herewith is an amendment for this application. The fee has been calculated as shown below.

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDITIONAL FEE
Total Claims	28	—	85	0	×	18.00	\$0.00
Independent Claims	5	—	10	0	×	84.00	\$0.00

TOTAL DUE                            0.00

1. No additional fee is required.
2. Please charge any additional fees, including any fees necessary for extensions of time, or credit overpayment to Deposit Account No. 08-1290. An originally executed duplicate of this transmittal is enclosed for this purpose.

Dated: June 12, 2003

By: DA  
 David A. Casimir  
 Registration No. 42,395

**BEST AVAILABLE COPY**

MEDLEN & CARROLL, LLP  
 101 Howard Street, Suite 350  
 San Francisco, California 94105  
 608/218-6900

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